

FEB 15 2005**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Arthur E. BARNES	§	Confirmation No.:	7757
		§		
Serial No.:	10/608,734	§	Group Art Unit:	2863
		§		
Filed:	June 27, 2003	§	Examiner:	Tung S. LAU
		§		
For:	Measuring Discontinuity In Seismic Data	§	Atty. Docket No.:	2149-00300
		§		
		§	Client Ref No.:	2003-IP-011636

RESPONSE TO OFFICE ACTION OF NOVEMBER 15, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 23313-1450

February 15, 2005

Dear Sir:

This paper is submitted in response to the above-named office action to further highlight why the application is in condition for allowance.

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

FEB 15 2005

FAX TRANSMITTAL COVER SHEET

CONLEY ROSE, P.C.
600 Travis, Suite 7100
Houston, Texas 77002
Fax Number: (713) 238-8008
Telephone Number: (713) 238-8000

ORIGINAL WILL FOLLOW VIA:

- | | |
|-------------------------------------|------------------------|
| <input type="checkbox"/> | MAIL |
| <input type="checkbox"/> | INTERNATIONAL AIRMAIL |
| <input type="checkbox"/> | COURIER |
| <input checked="" type="checkbox"/> | WILL <u>NOT</u> FOLLOW |
| <input type="checkbox"/> | HAND DELIVERY |
| <input type="checkbox"/> | WITH ENCLOSURE(S) |
| <input type="checkbox"/> | WITHOUT ENCLOSURE(S) |

PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:

NAME: MAIL STOP AMENDMENT

FIRM: U.S. PATENT & TRADEMARK OFFICE

CITY: ALEXANDRIA, VIRGINIA

FAX NO: 703-872-9306

REMARKS: Serial No. 10/608,734, filed June 27, 2003
Attached hereto is a Response To Office Action Mailed November 15, 2004

Total Number of Pages (Including This One): Ten (10)

FROM: Daniel J. Krueger, Direct Dial No. 713/238-8055

DATE: February 15, 2005

ATTORNEY DOCKET NO. 2149-00300

**IF YOU DO NOT RECEIVE ALL THE PAGES,
PLEASE CALL BACK AS SOON AS POSSIBLE.**

This facsimile, and the information it contains, is intended to be a confidential communication only to the person or entity to whom it is addressed. If you have received this facsimile in error, please notify us by telephone at the above telephone number and return the original to this office by mail.

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

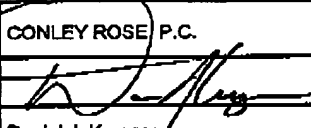
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/808,734	
	Filing Date	June 27, 2003	
	First Named Inventor	Arthur E. BARNES	
	Art Unit	2863	
	Examiner Name	T.S. Lau	
Total Number of Pages in This Submission	10	Attorney Docket Number	2149-00300

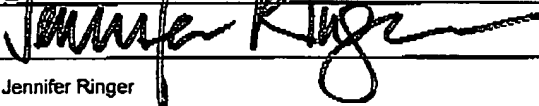
ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Fax Coversheet.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	CONLEY ROSE P.C.		
Signature			
Printed name	Daniel J. Krueger		
Date	February 15, 2005	Reg. No.	42,771

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Jennifer Ringer	Date	February 15, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.